

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 01-Apr-2014

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757

EPA 598

**VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

Mission Assignment No:

BZ761

Accounts Of

D.O. Voucher No.BU. Voucher No.Bill No.Paid By Check No.Collection Vou. No.

27067102

Partial # 82 05-Mar-2014 Thru 01-Apr-2014

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

Billed Accounting Classification

068 068 X 8145.0000 2007 00 0000 000000000000 00000

Billing Accounting Classification

\$186,306.85 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$186,306.85

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$179,410.00
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP		\$932.60
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$1,767.18
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$515.44
1	INHOUSE - LABOR	LABOR		\$3,681.63
Subtotal:				\$186,306.85

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

16 Jun 14

DATE

SIGNATURE

Elizabeth A. Franklin
Elizabeth A. Franklin
Project Manager

Total Billed Amount: \$186,306.85**Less Partial Amount Paid:** \$0.00**Payment Due Date: 01-May-2014 Pay This Amount: \$186,306.85**

Funds Authorized: \$10,900,000.00
Total Billed Amount: \$8,298,753.41
Prev Billed Amount: \$8,112,446.56
Current Billed Amount: \$186,306.85
Total Flux Billed: \$0.00
Prev Flux Billed: \$0.00
Current Flux Billed: \$0.00

CERTIFICATE OF OFFICE BILLED

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Date:

Authorized Administrative or Certifying Officer

DA Form 4445-R

Approved by Treasury For Use In Lieu of SF 1080

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Time: 07:25:27

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALCALII, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

MONTHLY REPORT FOR MARCH 2014

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$10,900,000.00	\$0.00	\$10,900,000.00
Less Total Expenditures: (-)	\$8,298,753.41	\$0.00	\$8,298,753.41
Less Undelivered Orders: (-)	\$2,252,519.23	\$0.00	\$2,252,519.23
Less Commitments: (-)	\$22,028.34	\$0.00	\$22,028.34
Funds Available Balance:	\$326,699.02	\$0.00	\$326,699.02

BILLING ACTIVITY (096X3122):	
Bill Number:	27067102
Funds Expended During Report Period:	\$186,306.85
Total Billed to Date:	\$8,298,753.41
DIRECT FUND CITE PAYMENTS:	
Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96947175

Bill Number: 27067102
Bill Invoice Date: 01-APR-2014

Monthly Billing Amount(096X3122): \$186,306.85

Monthly Direct Fund Cite Contract Cost(068X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$2,301.04	\$154,651.28	\$156,952.32
b Fringe Benefits	\$1,380.59	\$82,138.02	\$83,518.61
c Travel	\$932.60	\$15,419.40	\$16,352.00
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$179,410.00	\$7,532,165.38	\$7,711,575.38
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$179,439.13	\$179,439.13
i Total Direct Charges	\$184,024.23	\$7,963,813.21	\$8,147,837.44
j Total Indirect Charges	\$2,282.62	\$145,633.35	\$150,915.97
k TOTAL	\$186,306.85	\$8,112,446.56	\$8,298,753.41

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
JAMES M. ARMSTRONG	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	\$163.25
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	42.50	\$5,670.99
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00	\$130.01
TOTAL LABOR:			45.50	\$5,864.25

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Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	Partial #82 27067102	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 3/31/18	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: March 5, 2014	To: April 1, 2014	EPA RPM Stephanie Vaughn		USACE PM Elizabeth Franklin
Work Performed					

Work Performed	<ul style="list-style-type: none"> • On 5 and 19 Mar 2014, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT. • Funding. No funding received during the reporting period. • On 6 Mar 14, traveled to NJ and attended the LPRSA Technical Meeting. • Team Calls. A weekly manager's call has been established with EPA RPM, USACE and CDM Managers for project status. <ul style="list-style-type: none"> • On 17, 24 and 31 Mar 14, participated in team calls. • On 26 Mar 14, participated in conference call to discuss sample sizes that could be proposed in the BERA. • On 31 Mar 14, participated in conference call to discuss the CPG model results and observations. • Invoices. TO 0005. <ul style="list-style-type: none"> • On 27 Feb 14, reviewed and approved CDM Invoice #22, totaling \$179,410, for period 29 Dec 13 – 25 Jan 14. • Schedule. <ul style="list-style-type: none"> • On 3 Mar 14, received updated summary of deliverables from S. Vaughn. • Task Order 0005/WVN 7. <ul style="list-style-type: none"> ○ On 19 Mar 14, received Draft WVN 7 for review. Discussed with F. Tsang on two separate calls with specific comments and requests for additional information. ○ On 20 Mar 14, received additional information as requested and again discussed with F. Tsang. ○ On 25 Mar 14, received revised Draft WVN 7 for review. ○ On 26 Mar 14, performed review and provided minor comments. Received responses from F. Tsang same day. ○ On 26 Mar 14, Final WVN 7 submitted for approval. ○ On 31 Mar 14, WVN 7 was approved and distributed to team. • River Mile 10.9. <ul style="list-style-type: none"> ○ On 12, 19 and 26 Mar 14, participated in weekly managers conference calls to discuss removal action status. • Preparation of Progress Report and Project Expenditure spreadsheet.
Key Meetings This Period	<ul style="list-style-type: none"> • Regular project progress calls. • Other project calls and meetings as noted throughout this progress report.

Progress Report for EPA Region II

Key Contract Milestones Completed to Date

- **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
 - 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
 - 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
- **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
 - 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
 - 5 Mar 09 – Modification 0001 was awarded for \$69,772.
 - 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
 - 3 Aug 09 – Modification 0003 was awarded for \$378,843.
 - 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
 - 1 Sep 09, Mod 5 (admin in nature) was signed.
 - 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
 - 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
 - 28 Dec 10, Mod 8 was awarded, totaling \$54,473.
- **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
 - 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
 - 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
 - 25 Aug 09; Mod 2 (admin in nature) was signed.
 - 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
 - 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
 - 14 May 10; Mod 8 was awarded, totaling \$140,000.
 - 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
 - 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
 - 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
 - 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975).
 - 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
- **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
 - 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
 - 24 Jan 12 – Mod 1 (admin in nature) was signed.
 - 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
 - 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
 - 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.
 - 14 Feb 14 – Mod 5 was awarded, totaling \$900,000.
- **LBG Task Order 0001; Contract W912DQ-11-D-3009, Expiration Date – 17 Nov 2016**
 - 26 Nov 13 – Mod 7 was awarded, IA funds totaling \$11,522 (for J. Kern work)

Progress Report for EPA Region II

Contractor Actions/ Accomplishments

CDM

- Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice, and participated in conference calls. Additional information may be found in the CDM Progress Report covering period February 23 – March 29, 2014. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts.
- CDM Fieldwork Oversight.
 - Completed split sample evaluation of CWCM from high flow data sets events and round 5 of sampling.
 - Continued review of CPG high volume sample results and data validation reports.
 - Continued split same evaluation of CWCM routine data sets.
 - Continued validation of split sample data.
- CDM Fieldwork Oversight Reporting.
 - On 3 Mar 14, submitted comments on the CPG Low Resolution Coring Supplemental Sampling Program Characterization Summary, dated December 2013.
 - Continued review of CPG Draft Small Volume Chemical Water Column Monitoring (CWCM) Sampling Program Characterization Summary, dated February 2014.
 - Continued review of the CPG Draft High Volume CWCM Sampling Program Characterization Summary, dated February 2014.
 - On 17 & 27 Mar 14, held conference calls with LBG to coordinate review of CWCM documents.
 - On 21 Mar 14, submitted comments on the RM 10.9 Pipeline Survey Statement of Work (submitted on 5 Mar 14).
 - On 21 Mar 14, submitted comments on the CPG Draft Dissolved Oxygen Monitoring Program Data Report (submitted on 3 Sep 13).
- CDM Data Manager/Website/Digital Library.
 - Provided data management support to extract data sets for EPA, team members and partner agencies.
 - Exported historical data sets and checked against list provided by USFWS.
 - Posted reference documents to public website.
 - Update several pages for the ournewarkbay.org public website.
- CSO/SWO Sampling Oversight
 - Initiated coordination of staff for 12 Mar 14 event that was subsequently cancelled.
- CPG Risk Assessment
 - On 26 Mar 14, participated in conference call to discuss fish sizes for BERA and possible additional analysis.
 - Reviewed FFS risk assessments in preparation for review of the CPG risk assessments.
- Modeling.
 - On 3 and 6 Mar 14, meetings regarding sediment interpolation.
 - On 11 Mar 14, transferred FFS models to CPG.
 - Provided support to Moffat and Nichol with the hydrodynamic model instability issues in CPG model.
 - Preparation for and attendance at collaboration meeting on 13 Mar 14 meeting.
- River Mile 10.9 Removal Action Oversight.
 - Performed field oversight of installation of geotextile fabric and armor stone.
 - On 5, 12, 19 and 26 Mar 14, participated in oversight management calls.
- Data Evaluation.
 - Continued work on detailing 3D model.
 - Continued to formulate data presentation plans and evaluate approaches to visualize and demonstrate site conditions.
 - Generated figure and table collections for partner agencies.
 - Coordinated with NOAA to exchange GIS layers to fill data gaps and incorporated NOAA information into the ongoing data evaluations.
 - Exported GIS layers to NOAA.
 - Updated figures with revised PRGs for partner agencies.

Progress Report for EPA Region II

Work, Meetings, Milestones FY2012/2013.

<i>Narrative</i>	<ul style="list-style-type: none"> 17 Mile CPG Schedule. On 19 Dec 13, the CPG submitted current version of schedule. On 9 Feb & 3 Mar 14, S. Vaughn provided updated schedules of deliverables. RM 10.9 Schedule. Ongoing informal schedule updates provided by the CPG with regard to the RM 10.9 work.
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Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)

<i>Meetings</i>	<ul style="list-style-type: none"> Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
<i>Key Milestones</i>	<ul style="list-style-type: none"> As noted in the CPG 17 mile schedule.
<i>Forthcoming</i>	
Issues	
<i>Technical:</i>	<ul style="list-style-type: none"> Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
<i>Schedule</i>	<ul style="list-style-type: none"> EPA discusses schedule items with the CPG as needed.
<i>Funding:</i>	<ul style="list-style-type: none"> None at this time.

**IAG Summary: Technical Assistance
Amendment Funding**

USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/13	-	-	\$10,000,000
900,000	0	0	2/7/14	-	-	\$10,900,000

Progress Report for EPA Region II

Expenditures: USACE and Contract				
Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 ^{Note 1}	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 ^{Note 2}	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 ^{Note 3}	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 ^{Note 4}	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 ^{Note 5}	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$179,410.00	\$1,429,115.00	\$70,885.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$0.00	\$0.00	\$1,200,000.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$0.00	\$0.00	\$900,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 15 Dec 11	\$11,522.00	\$0.00	\$0.00	\$11,522.00
Contract Funds Available	\$62,042.00	\$0.00	\$0.00	\$62,042.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g on Page 2 IAG)	\$10,011,099.00	\$179,410.00	\$7,711,575.38	\$2,299,523.62
Kansas City Corps In-House Labor/Travel - 17 Mile	\$694,439.23	\$6,598.04	\$384,141.32	\$286,685.36
Kansas City Corps In-House Labor/Travel - RM 10.9		\$298.81	\$23,612.55	
Superfund M&S Fee - 17 Mile	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$0.00	\$12,000.00
Subtotal - Summary of Labor/M&S Fee	\$888,901.00	\$6,896.85	\$587,178.03	\$301,722.97
Grand Total - Contract/Corps	\$10,900,000.00	\$186,306.85	\$8,298,753.41	\$2,601,246.59

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	Contact Information	Responsibility
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin
Project Manager
16 June 2014

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
Project: Task Order 6424.005 CPG Oversight
Prepared by: Frank Tsang
Representing: CDM Federal Programs Corporation (CDM Smith)
Date: February 14, 2013 (revised January 6, 2015)
Reporting Period: December 29, 2013 to January 25, 2014

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 – Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- On January 22, 2014, CDM Smith participated in a meeting with the USEPA and USACE to negotiate funding requirement for upcoming 2014 work.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- No activity.

1.1.4 Project Communication

- On January 8 and 21, 2014, CDM Smith participated in biweekly conference calls.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- No activity.

WAD 1, WO 3 – Senior Technical Advisors (1.3.1)

1.3.1 Senior Technical Advisor

- Funding for this WO is \$12,000. EPA/USACE have decided to renew the subcontracts for Ambrose and Flood, but not for Blumberg. EPA/USACE have decided the subcontract for Di Toro should be on hold.
- A new subcontract for Warren Pinnacle Consulting, Inc. (Jonathan Cloud) is in progress.
- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	NA	NA	NA	NA	Renewing subcontract, to be in placed in March 2014
2	Blumberg	NA	NA	NA	NA	Subcontract not renewed due to conflict of interest
3	Flood	NA	NA	NA	NA	Subcontract to be renewed in April 2014
4	Di Toro	NA	NA	NA	NA	EPA/USACE decided to put it on hold
5	Clough	NA	NA	NA	NA	Subcontract in progress, to be in place on January 31, 2014
Total		\$0	\$0	\$0	\$0	

*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 - Technical Support (1.4.1)

1.4.1 Technical Support

- Finalized work on tables and figures showing mean Hazard Quotient for Lower Passaic River and updated Jamaica Bay tables. These tables and figures were forwarded to EPA on January 23, 2014.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- No activity.

2.2.2 CPG Planning Documents Review

- No activity.

WAD 2, WO 3 - Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

2.3.2 Water Column, Chemical Data Oversight

- Continued validation of high flow and round 5 of the chemical water column monitoring study.
- Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables.
- Continued review of CPG high volume sample results and data validation reports.
- Began validation of high volume split sample data.

2.3.3 RM 10.9 Oversight

- Work element closed. See WAD2 WO7 for RM 10.9 oversight work.

2.3.4 LRC Supplemental Sampling Oversight

- Continued review of the statistical evaluation of split sample results and report preparation.
- Paid Environmental Science Solution LLC invoice.

2.3.6 Background Sampling Oversight

- Continued validation of Background split tissue sample data.
- Finalized evaluation of split sample sediment data.
- Began preparing the sediment split sample summary report.

2.3.7 LRC SSP2 Oversight

- Continued validation of split sample data.
- Paid analytical subcontractor costs for analysis of SSP2 split sediment samples (Axys Analytical and Shealy Environmental).

WAD 2, WO 4 - Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- On January 24, 2014, submitted comments on the CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.
- On January 16, 2014, submitted comments on the Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.
- Reviewed CPG Preliminary Draft Interim Conceptual Site Model, which was submitted on December 20, 2013. Submitted comments to EPA on January 24, 2014.

WAD 2, WO 5 - Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Provided data management support to extract data sets for EPA
- Continued review of historical data set study identifications against current database task identifications in order to account for historical studies that may have been combined in the new task identification system. This is being done to account for data sets available for public when reports are released.
- Began extracting data sets for posting onto public website.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements.
- Paid database storage fee.

WAD 2, WO 6 - CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- No activity.

2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

2.6.3 Laboratory Analysis and Coordination

- No activity.

2.6.4 Field Oversight and Collection of Split Samples

- No activity.

2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

WAD 2, WO 7 - RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

- Reviewed several of the RM 10.9 Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 9, dated January 13, 2014. CDM Smith sent an email notifying EPA that CDM Smith has no comment on January 20, 2014.

2.7.2 Remedial Action Oversight

- Participated in the management meetings on January 9 and 15, 2014. Discussed comments on the revised capping plan.
- No field oversight was performed in January due to weather conditions
- Reviewed and commented on multiple technical memoranda regarding the active cap layer including
 - January 20, 2014 Alternate Geotextile Fabric Placement Method
 - January 6, 2014 Alternative Geotextile Fabric

2.7.3 Sampling Analysis

- Continued validation of the water quality monitoring split samples and post excavation sediment samples.
- Paid Axys Analytical invoices.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
 - Prepared monthly invoice and write up.
- Bi-Weekly Conference Calls
 - Attended January 8 and 21, 2014 bi-weekly calls.
- Project Review Conference Calls & Mod Meetings
 - No activity.
- Transfer of Model Codes/Support
 - A. ECOMSEDZLJS Model Support
 - No activity.
 - B. ST-SWEM & RCATOX Models
 - No activity.
 - C. Misc. Support 2010

- Generated water year 2013 ST-SWEM and Contaminant inputs for transfer to CPG. Transferred on January 31, 2014.
- Field Oversight
 - No activity.
- Modeling Oversight
 - No activity.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
 - No activity.
- Weekly Conference Calls/Meetings with CPG
 - No activity.
- Monthly Technical Meetings
 - No activity.
- Identify Model Differences
 - No activity.
- Data Action Items
 - No activity.
- Model Action Items
 - Investigated revised extraction of ADCP data for comparison to EPA and CPG water column solids model results.
- Communication with USEPA Project Team
 - No activity.

WAD 4, WO 3 - Review/Coordinate CPG Risk Assessment

- Participated in bioaccumulation model discussions.
- Reviewed CPG bioaccumulation model input and risk calculations.

WAD 5, WO 1 - RI/FS Documents

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

WAD 5, WO 2 - Data Evaluation

- Continued work on detailing 3D model
- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Finalized initial human health and ecological risk assessment tables using refined sample list and updated ProUCL software. Tables were delivered to EPA January 23, 2014.

2. **Anticipated Problems and Recommended Solutions** – None.
3. **Problems Resolved** – N/A.
4. **Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:

- Participate in biweekly calls
- Review CPG and Tierra documents when received
- Continue database management data upload
- Provide support on CSO/SWO oversight
- Provide support on RM 10.9 oversight
- Continue to formulate data presentation plans
- Continue evaluation of potential reference locations
- Participate in RI/FS technical meetings
- Prepare lessons learned for RM 10.9

5. **Key Staffing Changes** – None

6. **Budget** – See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. **Deliverables Submitted**

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1	May 29, 2013

Title	Date Submitted
SSP2 Sediment Probing	
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
Submitted CDM Smith Field Change Request #14 - HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO/SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
Submitted CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
Submitted CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013
Submitted comments on CPG Field Modification FM-13103-1 for the SSP2 Sampling Event	November 4, 2013
Submitted comments on CPG RM 10.9 Removal Action Water Quality Monitoring: Proposed Monitoring During Capping Operations	November 6, 2013
Submitted comments on CPG RM 10.9 Removal Action Cap Active Layer Monitoring: Approach for Carbon Analysis	November 20, 2013
Submitted comments on the CPG Draft 2012 Sediment Toxicity	December 2, 2013

Title	Date Submitted
Reference Data Report, dated October 22, 2013	
Submitted comments on CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013	December 27, 2013
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014